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Attention: Examiner: Marcos L. Torres

Supervisory Examiner: Lester G. Kincaid

UNITED STATES PATENT AND TRADEMARK
OFFICE

Fax: (703) 872-9306

Examiner: Marcos L. Torres

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Supervisory Examiner: Lester G. Kincaid

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Pages: Cover +1 + 10 = 12

Date: May 26, 2005

Certificate of Transmission

From: Georgann S. Grunebach

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Phone: (310) 964-4615

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Certification of Facsimile Transmission UNDER 37 CFR 1.8

I hereby certify that the correspondence identified below is being facsimile transmitted to (703) 872-9306 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 26, 2005.

Georgann S. Grunebach, Reg. No. 33,179

May 26, 2005
Date

Attention: Examiner Torres

Please find attached Re: 09/858,387

- > Amendment After Final Transmittal
- > Amendment Response to Final Office Letter of March 28, 2005

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

PATENT
Docket No. PD-201006A
CUSTOMER NO.: 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Donald C.D. Chang, et al.
Serial No.: 09/858,387
Filed: May 15, 2001
For: COMMUNICATION SYSTEM FOR MOBILE USERS
USING ADAPTIVE ANTENNAS

Date: May 26, 2005
Group Art Unit: 2683
Examiner: Torres, Marcos L.

TRANSMITTAL LETTER FOR AMENDMENT

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir: Transmitted herewith is an amendment in the above-identified application.

____ Applicant petitions for an extension of time for _____ months(s) to respond to the Office Action dated _____. If an additional extension of time is required, please consider this a petition therefor.

____ An extension for _____ months(s) has already been secured; the fee paid therefor of _____ \$ is deducted from the total fee due for the total months of extension now requested. _____ \$
Extension fee due with this request _____ \$

☒ Applicant believes that no extension of time is required to respond to the Office Action dated **March 28, 2005**. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

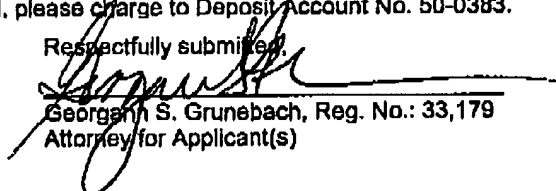
☒ No additional fee for claims is required.

☒ The claims have been calculated as shown below:

CLAIMS AS AMENDED							
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDITIONAL FEE
TOTAL CLAIMS	21	minus	22*	=	0	x \$ 50.00	\$0
INDEPENDENT CLAIMS	3	minus	3**	=	0	x \$ 200.00	\$0
MULTIPLE DEPENDENT CLAIMS						+ \$ 360.00	\$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:							\$0

Charge \$000.00 to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formerly Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383.

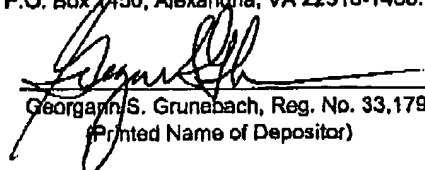
Respectfully submitted,


Georgann S. Grunebach, Reg. No.: 33,179
Attorney for Applicant(s)

CERTIFICATION UNDER 37 CFR 1.8

I hereby certify that the correspondence identified above is being facsimile transmitted to (703) 872-9306 on May 26, 2005, and is addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

THE DIRECTV GROUP, INC.
Patent Docket Administration
Bldg. R11, M/S A109
PO Box 956
El Segundo, CA 90245
Telephone: 310/864.4615
Date: May 26, 2005


Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

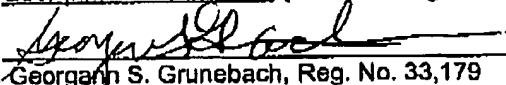
May 25, 2005
(Date of Signature)

* If less than 3, insert 3

** If less than 20, insert 20

Certification under 37 CFR 1.10

I hereby certify that this correspondence is being facsimile transmitted to 703-872-9306 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on May 26, 2005 (date of facsimile transmission) by Georgann S. Grunebach (Name of Registered Representative)


Georgann S. Grunebach, Reg. No. 33,179 (Signature)

May 26, 2005 (Date of Signature)

Customer Number 020991

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MAY 26 2005

PATENT
Docket No. PD-201006A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Donald C. D. Chang

Serial No. 09/858,387

Group Art Unit: 2683

Filed: May 15, 2001

Examiner: Torres, Marcos L.

For: COMMUNICATION SYSTEM FOR MOBILE USERS
USING ADAPTIVE ANTENNAS

AMENDMENT AFTER FINAL

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated March 28, 2005, please enter the following amendments and remarks.